

U.S. ENVIRONMENTAL PROTECTION AGENCY
POLLUTION/SITUATION REPORT
Bremerton Gasworks Beach - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Region X

Subject: POLREP #1
Initial Polrep
Bremerton Gasworks Beach
10JS
Bremerton, WA
Latitude: 45.5782900 Longitude: -122.6423300

To: Preston Sleeper, Department of Interior (POLREP list)
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Sector Seattle USCG, US Coast Guard (POLREP LIST)
Grant Holdcroft, Kitsap County Health District

From: Kathy Parker, OSC
Date: 10/11/2010
Reporting Period: 10/4/2010 - 10/10/2010

1. Introduction

1.1 Background

Site Number:	10JS	Contract Number:	
D.O. Number:		Action Memo Date:	
Response Authority:	CERCLA	Response Type:	Emergency
Response Lead:	EPA	Incident Category:	Removal Action
NPL Status:	Non NPL	Operable Unit:	
Mobilization Date:	10/5/2010	Start Date:	10/5/2010
Demob Date:		Completion Date:	
CERCLIS ID:		RCRIS ID:	
ERNS No.:		State Notification:	
FPN#:		Reimbursable Account #:	

1.1.1 Incident Category

This incident started with the Kitsap Health District investigating reports of sheens between 8/20/2010 and 10/4/2010 and then finding a subsurface concrete pipe on the beach leaking creosote to beach sediment and marine waters. EPA conducted a site visit within 24 hours of receiving the report, which then transitioned to a removal assessment and sampling, which then transitioned to an emergency response removal action (deployment of boom within 24 hours of receiving report from Kitsap Health District). The incident then transferred to the USCG who performed a removal assessment, followed two nights later by a USCG removal action (deployment of two-level boom), followed the next night by a joint USCG/EPA removal assessment and sampling event.

1.1.2 Site Description

The rocky marine beach adjacent to and north of the Old Bremerton Gasworks site.

1.1.2.1 Location

The beach north of 1725 Pennsylvania Avenue, Bremerton, WA 98310

1.1.2.2 Description of Threat

Release of Coal Tar Creosote (containing PAHs above Regional Screening levels for residential soil) from a leaking concrete pipe joint to the beach and Washington Narrows marine water.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

Visible creosote contamination at beach surface appears to cover approximately 100 square feet of visible beach surface, starting approximately 60 feet below high tide mark. Visible contamination extends to an unknown depth of soil (but at least two feet bgs in places) and continues out into the water below the low tide line. Sheens have been reported drifting at least as far west as the Port of Washington Narrows marina.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

Both EPA and USCG have performed both removal assessment and removal actions at the site this week.

2.1.2 Response Actions to Date

Hard boom was deployed at high tide on 10/5/2010 by the EPA ERRS subcontractor, Global Diving. The boom appeared to be ineffective so Global Diving removed the boom on 10/7/2010. On 10/8/2010, working for the USCG, Global Diving installed a two-level boom during a low tide to contain the DNAPL and LNAPL phases of the coal tar creosote contaminant.

2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

The tidal land appears to be owned by the Washington Department of Natural Resources (WDNR). Current activities are taking place on WDNR land. However, due to the nature of their ownership of the land, they are not considered an "owner" under CERCLA and can not be compelled to perform a removal action on the affected property.

The pipe may be connected to the Old Bremerton Gasworks property which consists of two privately owned parcels. Neither landowner was an operator of the gasworks.

The gasworks was previously operated by Cascade Natural Gas, which is now out of business.

2.1.4 Progress Metrics

<i>Waste Stream</i>	<i>Medium</i>	<i>Quantity</i>	<i>Manifest #</i>	<i>Treatment</i>	<i>Disposal</i>

2.2 Planning Section

2.2.1 Anticipated Activities

PRP search, determination of property lines, removal assessment, development of response plan and determination of roles for responders, removal action

2.2.1.1 Planned Response Activities

Plug leak in pipe, clean or remove pipe, remove contaminated beach sediment, remove boom and signage.

2.2.1.2 Next Steps

Write EPA Action Memo,
Write and approve EPA Sampling Plan,
Interpret analytical data from 10/9/2010 sampling event,
Determine extent of contamination based on removal assessment and analytical results,
Plan removal action.

2.2.2 Issues

Integrity of pipe,

Source of contamination,
 Confirming ownership of properties affected,
 Determining PRPs,
 EPA/USCG jurisdictional issues,
 Closure of shellfish beds,
 Site access,
 Restrictions on removal action due to tides.

2.3 Logistics Section

2.4 Finance Section

2.4.1 Narrative

Both EPA and the USCG are funding their removal actions using CERCLA funds. Both have requested CERCLIS IDs through their respective organizations. USCG has received its CERCLA funding number (FPN) and is using it to fund Global Diving and the USCG Pacific Strike Team. EPA's CERCLIS ID is still pending but funds have been approved to requisition support from ERRS, START and Global Diving (as a subcontractor to ERRS). EPA and USCG costs are being tracked separately. This Polrep only covers EPA costs.

Estimated Costs *

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
ERRS - Cleanup Contractor	\$25,000.00	\$5,000.00	\$20,000.00	80.00%
TAT/START	\$5,000.00	\$5,000.00	\$0.00	0.00%
Intramural Costs				
Total Site Costs	\$30,000.00	\$10,000.00	\$20,000.00	66.67%

* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

2.5 Safety Officer

USCG Petty Officer Kevin Mallick was designated the chief Safety Officer for the response and USCG has written a Health and Safety Plan for the response which includes EPA and EPA contractor activities to-date.

2.6 Liaison Officer

2.7 Information Officer

2.7.1 Public Information Officer

Hanady Kader has been designated the EPA PIO. Washington Department of Natural Resources

PIO is Jane Chavey.

2.7.2 Community Involvement Coordinator

No EPA CIC has been assigned yet. Kitsap Health District Grant Holdcroft and EPA OSC Kathy Parker are currently responsible for addressing Community Involvement concerns at the site and their contact information is posted on the warning signs at all beach accesses to the contaminated area.

3. Participating Entities

3.1 Unified Command

Unified command currently consists of EPA (OSC Kathy Parker), USCG (represented by Petty Officer Kevin Mallick), WDNR (represented by Spill Responder Shane Cothorn), and the Kitsap Health District (represented by Grant Holdcroft).

As of 10/9/2010, USCG and EPA have agreed that the USCG will take the lead on response activities occurring on marine water and tidal land below the high water mark and EPA will take the lead on response activities occurring on land inland from the high water mark. EPA will support the USCG with sampling and air monitoring as needed. WDNR, while staying engaged in the planning, has declined to perform any assessment or removal activities and has requested that EPA or USCG perform all necessary actions.

3.2 Cooperating and Assisting Agencies

The City of Bremerton Mayor Patty Lent has been briefed on the site and activities through 10/8/2010. She has stated that she fully supports the anticipated removal activities and has offered assistance in contacting and negotiating the cooperation of the Sesko property owner.

The Suquamish Tribal Chairman has been briefed on the site activities through 10/8/2010 and the shellfish bed closure in the area.

The Washington Department of Ecology referred the Kitsap Health District to EPA for assistance in addressing the creosote release.

4. Personnel On Site

On Monday 10/4/2010, 2 Kitsap Health District responders were on-site.

On Tuesday 10/5/2010, 1 EPA OSC and 2 Kitsap Health District responders were on-site in the morning. In the afternoon 1 EPA OSC and 4 Global Diving staff were on-site.

On Wednesday 10/6/2010, USCG was on-site.

On Thursday 10/7/2010, Global Diving staff were on-site.

On-site Friday morning 10/8/2010 were: 1 EPA OSC, 1 EPA SAM, 2 Global Diving staff, 1 ERRS

RM, 3 USCG, 4 WDNR, 1 Kitsap Health.

On-site Friday evening 10/8/2010 through Saturday morning 10/9/2010 were: USCG, Global Diving.

On-site Saturday afternoon 10/9/2010 were: 1 EPA OSC, 3 USCG, 2 START.

On-site Saturday evening 10/9/2010 through Sunday morning 10/10/2010 were: 1 EPA OSC, 4 Global Diving staff, 2 USCG, 2 USCG Strike Team, 5 START.

5. Definition of Terms

KHD = Kitsap Health District

WDNR = Washington Department of Natural Resources

USCG = United States Coast Guard, Sector Puget Sound

EPA = United States Environmental Protection Agency, Region 10, Office of Environmental Cleanup

PIO = Public Information Officer

CIC = Community Involvement Coordinator

ERRS = Emergency and Rapid Response Services contractor to EPA

START = Superfund Technical Assessment and Response Team contractor to EPA

6. Additional sources of information

6.1 Internet location of additional information/reports

R10FTPUser/START Final Deliverables/Labaw/07-01-0008_Bremerton Gasworks/ 1.4_8-11-09_Bremerton Gasworks_Final Targeted Brownfields Assessment Report.pdf, 55.97 Mb

6.2 Reporting Schedule

EPA Polreps for this site will be published weekly whenever EPA performs any on-site response activities.

7. Situational Reference Materials